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★PIOE P75 92-222317/27 ★JP04146189-A  
 Optical recording material has a light absorbing layer contg. cyanine dye and quencher and a reflection layer on an optically transparent substrate useful for compact discs

PIONEER ELECTRONIC CORP 90.10.09 90JP-270709  
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Optical recording material has; (A) light absorbing layer contg. (a) cyanine dye shown as formula (I) and (b) quencher shown as formula (II) and (B) reflection layer, on an optically transparent substrate in this order. In the formulae R1-R4 = H or substitution group.

Pref. substitution gp. in formula (II) is, e.g., CH<sub>3</sub>-, OCH<sub>2</sub>O-, CH<sub>3</sub>COO-, etc. Light absorbing layer thickness is 20-2000 nm. Cyanine dye/quencher mol ratio is 1/0.01-1/10. Reflection layer comprises Au, Ag, Cu, Al, etc. Reflection layer thickness is 0.02-2 microns. Pref. substrate is, e.g., polyolefin resin, polycarbonate resin, etc.

USE/ADVANTAGE - Material is used for additional writing type compact disc (CD), etc. and improves reflection ratio to satisfy CD standard, and also improves durability. (7pp Dwg.No.0/5)  
 N92-169087

